

ABSTRACT OF THE DISCLOSURE

CONTROL SYSTEM FOR LIFTING AND REMOTE MANIPULATION  
UNITS PLACED IN A CONFINED CONTAINMENT

The control system is used to control manipulation equipment (41) and carrying equipment (43) confined in a containment (40) inaccessible to operators and to perform maintenance operations related to electronic 5 circuits for onboard equipment enclosed in the containment (40).

Control is achieved by "onboard" means in the containment (40) composed mainly of a power supply box (1) and one or several control boxes (20) fixed onto a 10 base (44) placed permanently on the carrying equipment (43) of the manipulation equipment (41). Several power supply circuits and electronic control boards are provided to enable redundant operation.

Application to remote manipulation equipment used 15 for dismantling and reprocessing of contaminated equipment.

FIGURE 1.